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Application Number 10/771,045 **TRANSMITTAL** February 03, 2004 Filing Date **FORM** First Named Inventor Frank P. Uckert Et. Al. Art Unit 1713 (to be used for all correspondence after initial filing) **Examiner Name** Unknown Attorney Docket Number UC0209USNA Total Number of Pages in This Submission

ENCLOSURES (Check all that apply)							
	Fee Transmittal	Form	Drawing(s)		11 1 '	After Allowance communication to Technology Center (TC)	
	Fee Transmittal Form  Fee Attached  Amendment/Reply  After Final  Affidavits/declaration(s)  Extension of Time Request  Express Abandonment Request  Information Disclosure Statement  Certified Copy of Priority Document(s)  Response to Missing Parts/ Incomplete Application  Response to Missing Parts under 37 CFR 1.52 or 1.53		Drawing(s)  Licensing-related Papers  Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Address Terminal Disclaimer Request for Refund CD, Number of CD(s) Remarks		to Technology Center (TC)  Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  Proprietary Information  Status Letter Other Enclosure(s) (please Identify below):		
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

FRANK P. UCKERT ET. AL.

CASE NO.: UC0209USNA

CONFIRMATION NO.: 1529

EXAMINER: UNKNOWN

**APPLICATION NO.: 10/771,045** 

**GROUP ART UNIT: 1713** 

FILED: FEBRUARY 03, 2004

FOR: ELECTROLUMINESCENT COPOLYMERS WITH MULTI-FUNCTIONAL

MONOMERS AND METHODS FOR USE THEREOF

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office information listed on the enclosed PTO/SB/08. A copy of the required information is also enclosed.

Should any fee be required in connection with the filing of this Information Disclosure Statement, please charge such fee to Deposit Account No. 04-1928 (E. I. du Pont de Nemours and Company).

Respectfully submitted,

ATTORNEY FOR APPLICANTS

Registration No.: 32,659 Telephone: (302) 992-3749 Facsimile: (302) 892-7949

Dated: \_

**Enclosures** 

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## Substitute for form 1149A/PTO Complete if Known Application Number 10/771,045 INFORMATION DISCLOSURE Filing Date February 3, 2004 STATEMENT BY APPLICANT First Named Inventor Frank P. Uckert et al. 1713 Group Art Unit (use as many sheets as necessary) Unknown **Examiner Name** Attorney Docket Number UC0209USNA of Sheet

	U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No.1	<del></del>	cument Number  - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		US -	4,508,639	04-02-1985	Camps et al.		
		US -	5,621,131A	04-15-1997	Kreuder et al.		
		US -	5,708,130A	01-13-1998	Woo et al.		
		US -	5,814,244A	09-29-1998	Kreuder et al.		
		US-	5,821,002A	10-13-1998	Ohnishi et al.		
		US -	5,856,434A	01-05-1999	Stem et al.		
		US-	5,962,631A	10-05-1999	Woo et al.		
		US-	5,900,327A	05-04-1999	Pei et al.		
		US-	5,998,045A	12-07-1999	Chen et al.		
		US-	6,169,163B1	01-02-2001	Woo et al.		
		US-	6,204,515 B1	03-20-2001	Bernius et al.		
		US-	6,541,602 B1	04-01-2003	Spreitzer et al.		
		US -	6,653,438 B1	11-25-2003	Spreitzer et al.		
		US-	6,605,373 B1	08-12-2003	Woo et al.		
		US -					
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite	Foreign Patent Document	Publication Date MM-DD-YYYY		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	No.1	CountryCode <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)		Applicant of Cited Document			
		EP 0 259 229 B1	09-02-1987	Makromolekulare Chemie			
		EP 0 956 312 B1	01-29-1998	JSR Corporation			
		WO 99/54943A1	10-28-1999	Dow Chemical Company			
#- 1	1 7.	WO 00/55927A1	09-21-2000	Cambridge Display Techn			
		WO 01/07502 A2	02-01-2001	Cambridge Display Techn			
		WO 00/53656 A1	09-14-2000	Cambridge Display Techn			

Examiner Signature	Date Considered	

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number 10/771, 045

Filing Date February 3, 2004

First Named Inventor Frank P. Uckert et al.

Group Art Unit 1713

Examiner Name Unknown

Attorney Docket Number UC0209USNA

(use as many sheets as necessary)
Sheet 2 of 2

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of T <sup>2</sup> Cite the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue Examiner No. number(s), publisher, city and/or country where published. Initials \* DE 19846767, Partially conjugated polymer useful as an organic semiconductor or an electroluminescence material, and for display elements in television monitor and illumination technology contains fluorene building units, Abstract, 06-13-2000, Aventis Res & Technologies Gmbh JP 2000319272, (Diarylamino) furan analogues with improved stability, useful pharmaceutical intermediates and electron hole transport or photosensitive materials, Abstract, 04-21-2001, Tosoh Corp JP 08157575, Carrier transport polymers - useful as carrier transport materials in organic thin film electroluminescence devices, Abstract, 10-25-1996, Toppan Printing Co. Ltd. JP 2000143778, Display element such as cathode ray tube and light emitting diode, comprises specified light emitting compound as color developing materials, Abstract, 10-06-2000, Samsung Denkan KK JP 10273522, Production of phenylene group-containing copolymers - comprises copolymerizing phenylene group-containing compounds in presence of catalysts containing transition metal compounds, Abstract, 01-13-1999, Nippon Gosei Gomu KK JP 10273521, Production of phenylene group-containing copolymers - comprises copolymerizing phenylene group-containing compounds in presence of catalysts containing transition metal compounds, Abstract, 12-23- $\Box$ 1999, Nippon Gosei Gomu KK JP 03028220, Electrochromic elements for display or optical shield glass - contg. film of polyphenylene polymer derived from fluorene, Abstract, 09-28-1993, Idemitsu Kosan Co. Ltd. JP 03017120, Polyphenylene polymers used as conductive material or display material are produced by chemical or electrochemical-oxidative polymerizing of specified fluorene derivs, Abstract, 09-28-1993, Idemitsu Kosan Co. JP 02269734, New polyphenylene-type polymer prepd. By oxidn. Polymerization of fluroene derive., Abstract, 09-28-1993, Idemitsu Kosan Co. Ltd. KR 99057430, Fluorene-based alternating statistical copolymer containing multi-luminescence groups and П electroluminescence device using the same, Abstract, 07-15-1999, Korea Adv Inst Sci & Technology COWELL, ALLAN B. ET AL., Fluoroalkylation of Aromatic Compounds, Journal of Fluorine Chemistry, 17, 1981, 345-356, Elsevier Sequoia S.A., Lausanne, The Netherlands KAMIGATA, NOBUMASA ET AL., Direct Perfluoroalkylation of Aromatic and Heteroaromatic Compounds with Perfluoroalkanesulfonyl Chlorides Catalysed by a Ruthenium (II) Phosphine Complex, J. Chem. Soc. Perkin Trans., 1, 1994, 1339-1346

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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